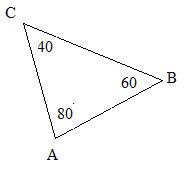
HW 1-6 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

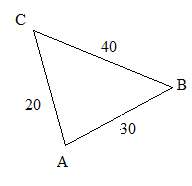
Triangle Side and Angle Inequalities

Show all work.

1) Write the side measures from least to greatest: \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_



2) Write the angle measures from least to greatest: \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_



3) List the sides of ΔABC in order from shortest to longest, when m∠A = 11x – 4, m∠B = 4x – 11, and m∠C = 51 – 3x. \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_

4) The sum of the interior angles of a quadrilateral is \_\_\_\_\_\_\_\_\_\_

a. 180 b. 360 c. 720 d. depends on the type of quadrilateral.

5) Find the area of the figure below:

